

TRANSMITTAL LETTER
(General - Patent Issued)

Docket No.
07250026AA

Patentee(s): **Yamamoto et al.**

U.S. Patent No.

7,118,200 B2

Issue Date

October 10, 2006

Title: **INKJET PRINTER HEAD**

COMMISSIONER FOR PATENTS:

Transmitted herewith is:

1. Request to Issue a Certificate of Correction.
2. Certificate of Correction in duplicate.
3. A copy of the list the originally filed claims.

- ☒ No additional fee is required.
- ☐ A check in the amount of _____ is attached.
- ☒ The Director is hereby authorized to charge and credit Deposit Account **50-2041** as described below.
- ☐ Charge the amount of _____
- ☐ Credit any overpayment.
- ☒ Charge any additional fee required.
- ☐ Payment by credit card. Form PTO-2038 is attached.

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.


Signature

Dated: **December 5, 2006**

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I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to "Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450" [37 CFR 1.8(a)] on _____.

(Date)

Signature of Person Mailing Correspondence

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Customer No.: **30743**

CC:

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re patent of Yamamoto et al.

Patent No. 7,118,200 B2

Issued: October 10, 2006

For: **INKJET PRINTER HEAD**

Box Certificate of Corrections
Commissioner for Patents
PO Box 1450; Alexandria, Virginia 22313-1450

REQUEST FOR ISSUANCE OF A CERTIFICATE OF CORRECTION

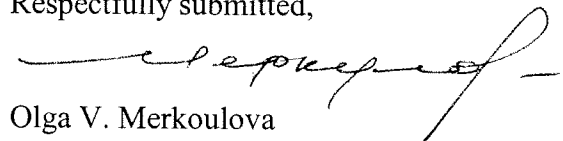
Sir:

Applicant hereby respectfully requests the issuance of a Certificate of Correction for the above-identified patent. The Certificate of Correction is being requested to correct an error in the Claim 3. Please note, that the claims in this application have not been amended during the prosecution. A list of claims as filed is attached to this paper and shows that there are several typographical errors in claim 3 of the printed patent. Specifically, on line 2 instead of alloy "Ta-Si-O" never mentioned combination of "Ta-Si-C" is presented. Further, on line 3 "a Cr-Si-O ternary alloy" has been omitted before "or".

In order to support this request, a copy of a listing of claims as was originally filed is included with this paper.

Applicant submits that this correction is necessary in order to properly present claimed subject matter of this patent. Applicant believes that no fees are due, but if any fees are due, the Commissioner is authorized to charge Attorney Deposit Account 50-2041 (Whitham, Curtis, Christofferson and Cook, P.C.).

Respectfully submitted,



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WHAT IS CLAIMED IS:

1. An inkjet printer head comprising:

heating elements, each having a heating resistor which is energized by application of an electric current so that a part of ink which is located in proximity to the heating resistor is boiled to form a bubble; and

ejection nozzles, each being provided for each of said heating elements, wherein expansion of the formed bubble causes the ink to be ejected as a droplet through each of said ejection nozzles,

wherein each of said heating elements has no protective film disposed between said heating resistor and the ink in which the bubble is to be formed, and a thickness of said heating resistor is in a range of from 2 μm to 5 μm .

2. The inkjet printer head according to claim 1, wherein a ratio of volume resistivity of said heating resistor to said thickness is in a range of from 100 Ω to $4 \times 10^4 \Omega$.

3. The inkjet printer head according to claim 1, wherein said heating resistor is composed of a Ta-Si-O ternary alloy, a Cr-Si-O ternary alloy or an alloy material made of Ta, Cr, Si and O.

UNITED STATES PATENT AND TRADEMARK OFFICE

CERTIFICATE OF CORRECTION

PATENT NO. : 7,118,200 B2

DATED : October 10, 2006

INVENTOR(S) : Yamamoto et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In the bottom of column 6 please reeplace claim 3 with claim 3 which reads, " 3. The inkjet printer head according to claim 1, wherein said heating resistor is composed of Ta-Si-O ternary alloy, a Cr-Si-O ternary alloy or an alloy made of Ta, Cr, Si and O."

MAILING ADDRESS OF SENDER (Please do not use customer number

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